

PATENT  
Attorney Docket No.: ICR 97/026

1764  
#

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Brian Jay DOERKSEN )  
Application No. 09/872,390 ) Group Art Unit: 1764  
Filed: June 1, 2001 ) Examiner:  
For: ALTERNATE COKE FURNACE TUBE )  
ARRANGEMENT )

Commissioner for Patents  
Washington, D.C. 20231

RECEIVED  
JUN 07 2002  
TC 1700

Sir:

PRELIMINARY AMENDMENT TRANSMITTAL FORM

- Transmitted herewith is a Preliminary Amendment.
- Additional papers enclosed:  
☒ Information Disclosure Statement w/PTO Form 1449 listing one reference.
- Fee Calculation (37 C.F.R. § 1.16)

CLAIMS AS AMENDED						
	Claims Remaining After Amendment		Highest No. Previously Paid	Present Extra	at Rate of	Total Fees
Total Claims (37 C.F.R. § 1.16(c))	38	minus	24	14	x \$18 each=	+ \$252.00
Independent Claims (37 C.F.R. § 1.16(b))	5	minus	3	2	x \$84 each=	+ \$168.00
[ ] First presentation of Multiple dependent claim(s)					\$280.00	+ \$
SUB-TOTAL =						\$420.00
Reduction by 2 for filing by a small entity						- \$
TOTAL FEE =						\$ 420.00

4. Fee Payment


[ ] No fee is to be paid at this time.

[X] The Commissioner is hereby authorized to charge \$420.00 for additional claims fees to deposit account no. 50-0310.

5. Constructive Petition: **Except** for issue fees payable under 37 C.F.R. 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account 50-0310. This paragraph is intended to be a **constructive petition for extension of time** in accordance with 37 C.F.R. 1.136(a)(3).

Dated: **June 5, 2002**  
Morgan, Lewis & Bockius LLP  
Customer No. **09629**  
1111 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004  
202-739-3000  
202-739-3001

Respectfully submitted  
**Morgan, Lewis & Bockius LLP**

  
Bonnie Weiss McLeod  
Registration No. 43,255



#72  
PG  
6-10-02

PATENT  
Attorney Docket No.: ICR 97/026

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Brian Jay **DOERKSEN** )  
 )  
Application No. 09/872,390 ) Group Art Unit: 1764  
 )  
Filed: June 1, 2001 ) Examiner:  
 )  
For: **ALTERNATE COKE FURNACE TUBE** )  
 **ARRANGEMENT** )

RECEIVED  
JUN 07 2002  
TC 1700

Commissioner for Patents  
Washington, D.C. 20231

Sir:

**PRELIMINARY AMENDMENT**

Prior to examination of the subject application, kindly add the following new  
claims:

**IN THE CLAIMS**

25. A delayed coking charge heater for heating a coker feedstock comprising:  
a first convection section;  
a second radiant section adjacent to said first convection section, said second  
section transmitting heat to said feedstock predominantly by radiant means;  
a heating conduit in said radiant section comprising a plurality of horizontal  
heater tubes located in the center of the coking heater and horizontally offset from one  
another so as to form double vertical columns;  
wherein said heater tubes are sequentially linked by tube bends so as to form a  
tube bundle; and  
a plurality of burners located on each side of said heater tubes.

06/07/2002 BNGUYEN1 00000050 500310 09872390

01 FC:103 252.00 CH  
02 FC:102 168.00 CH